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Docket No.: 7144-706  
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Name of Person Certifying: Carol M. Grupp

Date: July 18, 2001

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Cabot et al.

Assignee: John Wayne Cancer  
Institute

Serial No.: 09/439,293

Examiner: J. Zara

Filing Date: November 12, 1999

Group Art Unit: 1635

Title: Methods of Reversing Drug  
Resistance in Cancer CellsAssistant Commissioner for Patents  
Washington, D.C. 20231AMENDMENT UNDER 37 C.F.R. § 1.111

Sir:

This is in response to the Office Action dated January 18, 2001. This response is accompanied by a petition for an extension of time to extend the period to respond to the Office Action to July 18, 2001, and the appropriate fee under 37 C.F.R. § 1.16 and § 1.17. Accordingly this response is timely filed. Please amend the application as follows:

## IN THE CLAIMS

Please add the following claims:

21. A method for reversing drug resistance in a cancer cell, said method

comprising introducing a full length antisense glucosylceramide synthase nucleic acid sequence